AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): An electromagnetic device used in a case containing oil, said electromagnetic device comprising:

an electromagnetic device body including a coil formed with a conductor wound around a bobbin and a cover member enclosing said coil; and

a cover for covering said electromagnetic device body,

wherein said cover member protects said coil from being directly subjected to molding pressure when said cover is formed by injection molding, by covering said coil.

2. (withdrawn): An electromagnetic device used in a case containing oil, said electromagnetic device comprising:

a bobbin; and

a conductor wound around said bobbin and coated with an outer coating,

wherein said bobbin is composed of a material having lubricating characteristics with respect to the material of said outer coating.

3. (withdrawn): An electromagnetic device according to Claim 2, wherein said bobbin is made of a polytetrafluoroethylene.

4. (withdrawn): An electromagnetic device used in a case containing oil, said electromagnetic device comprising:

a bobbin;

a conductor wound around said bobbin and coated with an outer coating; and

a material having lubricating characteristics deposited on a surface of said bobbin.

5. (withdrawn): An electromagnetic device according to Claim 4, wherein said material having lubricating characteristics is silicon.

6. (withdrawn): An electromagnetic device according to Claim 4, wherein said material having lubricating characteristics is an oil.

7. (original): An electromagnetic device used in a case containing oil, said electromagnetic device comprising:

a bobbin; and

a conductor wound around said bobbin and coated with an outer coating,

wherein the thickness of said outer coating of said conductor exceeds the size of a flash produced on said bobbin.

8. (previously presented): An electromagnetic device according to Claim 1, wherein the thickness of an outer coating of said conductor exceeds the size of a flash produced on said bobbin.

9. (previously presented): An electromagnetic device according to claim 1, wherein the electromagnetic device is a motor.

10. (previously presented): An electromagnetic device according to claim 1, wherein the electromagnetic device is a transmission control valve.

11. (previously presented): An electromagnetic device according to claim 1, wherein the electromagnetic device is used in a case containing oil.

12. (previously presented): An electromagnetic device according to claim 7, wherein said outer coating comprises:

a welding layer which is made of thermoset epoxy; and

an insulative layer which is made of enamel.

13. (previously presented): An electromagnetic device according to claim 12, further comprising:

a plurality of adjacent conductors, wherein said welding layer bonds said plurality of adjacent conductors to each other.

14. (previously presented): An electromagnetic device used in a case containing oil, said electromagnetic device comprising:

a bobbin;

a conductor wound around said bobbin and coated with an outer coating,

wherein a tip of a flash of the bobbin does not reach the conductor due to a thickness of said outer coating.

15. (previously presented): An electromagnetic device according to claim 1, wherein a tip of a flash of the bobbin does not reach the conductor due to a thickness of said outer coating.

16. (previously presented): An electromagnetic device according to claim 1, further comprising:

a pair of coils opposing each other,

wherein said pair of coils are enclosed by the cover member.

17. (previously presented): An electromagnetic device according to claim 1, wherein said cover member is cylindrical in shape.

18. (new): An electromagnetic device used in a case containing oil, said electromagnetic device comprising:

an electromagnetic device body including a coil formed with a conductor wound around a bobbin and a cover member enclosing said coil; and

a cover for covering said electromagnetic device body,

wherein said cover member comprises a means for protecting said coil from being directly subjected to molding pressure when said cover is formed by injection molding, by covering said coil.